

Table I-3

## SUMMARY OF CHANGES IN CANCER INCIDENCE AND MORTALITY, 1950-96 AND

## 5-YEAR RELATIVE SURVIVAL RATES, 1950-95

Males and Females, By Primary Cancer Site

Primary Site	All Races		Whites					
	Estimated Cancer Cases in 1996⊕	Actual Cancer Deaths in 1996*	Percent Change 1950-96☆				5-Year Relative Survival Rates (Percent)8	
			U.S.					
			Incidence§	MortalityN				
Total	EAPC	Total	EAPC	1950-54	1989-95			
Oral cavity and Pharynx	29,490	7,853	-38.2	-0.7	-37.3	-0.9	46	55.5
Esophagus	12,300	11,231	-8.2	0.2	21.7	0.4	4	13.3
Stomach	22,800	13,335	-77.9	-2.7	-80.1	-3.6	12	19.3
Colon and Rectum	133,500	56,754	-2.9	-0.1	-35.4	-0.9	37	61.8
Colon	94,500	48,587	11.5	0.2	-21.3	-0.4	41	62.4
Rectum	39,000	8,167	-26.7	-0.7	-67.1	-2.8	40	60.2
Liver and Intrahep	19,900	11,584	139.9	1.7	33.6	0.5	1	6.0
Pancreas	26,300	27,256	9.4	0.0	15.9	0.2	1	4.1
Larynx	11,600	3,918	37.6	0.4	-14.4	-0.3	52	66.1
Lung and Bronchus	177,000	151,902	249.1	2.4	259.0	3.0	6	14.2
Males	98,900	91,554	178.3	1.6	196.9	2.4	5	12.7
Females	78,100	60,348	577.9	4.5	611.9	5.3	9	16.4
Melanomas of skin	38,300	7,279	453.0	4.1	160.6	2.2	49	87.9
Breast(females)	184,300	43,090	55.1	1.3	-7.5	0.0	60	86.0
Cervix uteri	15,700	4,540	-78.9	-3.0	-75.7	-3.6	59	71.4
Corpus and Uterus, NOS	34,000	6,310	-0.3	-0.6	-67.4	-2.3	72	85.5
Ovary	26,700	13,161	3.2	0.2	-2.3	-0.2	30	49.9
Prostate	317,100	34,122	190.1	3.2	10.0	0.3	43	93.1
Testis	7,400	345	105.8	2.0	-72.7	-3.2	57	95.7
Urinary bladder	52,900	11,451	51.1	1.0	-35.3	-1.1	53	81.8
Kidney and Renal pelvis	30,600	11,095	125.9	2.0	37.4	0.6	34	61.1
Brain and Other nervous	17,900	12,375	68.2	1.2	44.9	0.7	21	29.6
Thyroid	15,600	1,181	141.8	1.7	-48.2	-1.9	80	95.1
Hodgkin's disease	7,500	1,408	16.3	0.2	-73.3	-3.4	30	82.9
Non-Hodgkin's lymphomas	52,700	22,834	195.5	2.9	137.6	1.6	33	51.9
Multiple myeloma	14,400	10,178	197.3	1.8	206.2	2.2	6	28.0
Leukemias	27,600	20,494	9.5	0.2	-3.7	-0.3	10	44.4
Childhood(0-14 yrs)	8,300	1,539	15.7	0.8	-67.2	-2.8	20	75.5
All sites excluding Lung and Bronchus	1,182,150	387,606	40.5	0.8	-17.7	-0.4	38	68.1
All Sites	1,359,150	539,508	53.6	1.0	6.5	0.2	35	60.9

- ⊕ The EAPC is the Estimated Annual Percent Change over the time interval. Wingo PA, Tong T, Bolden S. Cancer Statistics 1995. CA Cancer J Clin 1995; 45:8-30. Excludes basal and squamous cell skin and in situ carcinomas except urinary bladder. Incidence projections are based on rates from the NCI SEER Program 1989-91.
- \* NCHS public use tape.
- ⊕ All Sites, All sites excluding Lung & Bronchus, Liver & Intrahep, Brain & Other nervous and Childhood cancers are for all races as opposed to whites.
- § Data prior to 1973 are from Devesa, Silverman, Young, et al. Cancer Incidence and Mortality Trends Among Whites in the United States, 1947-84. JNCI 1987; 79:701-770 with the exception of All Sites, All sites excluding Lung & Bronchus, Liver & Intrahep, Brain & Other nervous and Childhood cancers which come from historical Connecticut data. Data for 1973-95 are from the same areas used in Devesa or the Connecticut registry of the SEER Program.
- N NCHS public use tape. Due to coding changes throughout the years: Colon excludes other digestive tract; Rectum includes anal canal; Liver & Intrahep includes gallbladder & biliary tract, NOS; Lung & Bronchus includes trachea & pleura; Ovary includes fallopian tube; Urinary bladder includes other urinary organs; Kidney & Renal pelvis includes ureter; NHL and Multiple myeloma each include a small number of leukemias; NHL includes a small number of ill-defined sites.
- 8 Rates for 1950-54 are from NCI Survival Report 5 with the exception of All Sites, All sites excluding Lung & Bronchus, Oral cavity & Pharynx, Colon & Rectum, Non-Hodgkin's lymphomas and Childhood cancers which come from historical Connecticut data. Rates for 1989-95 are from the SEER Program with the exception of the sites just listed which come from the Connecticut registry of the SEER Program.

Table I-2

47-YEAR TRENDS IN U.S. CANCER MORTALITY RATES\*

All Races, Males and Females

All Primary Cancer Sites Excluding Lung and Bronchus<sup>⊕</sup>

Age Group	1950	1975	1996	Estimated Annual Percent Change		Total Percent Change
				1950-75	1975-96	1950-96
0-4	11.0	5.1	2.6	-3.0	-2.9	-75.7
5-14	6.6	4.7	2.7	-0.9	-2.8	-58.4
15-24	8.4	6.5	4.4	-0.6	-1.8	-48.1
25-34	19.0	13.9	11.0	-1.3	-1.0	-42.5
35-44	59.6	43.1	33.9	-1.1	-0.9	-41.7
45-54	154.8	130.1	103.6	-0.6	-1.0	-32.1
55-64	344.8	299.7	267.0	-0.5	-0.5	-21.7
65-74	640.7	574.6	558.0	-0.5	-0.1	-11.9
75-84	1105.3	963.2	978.4	-0.5	0.1	-10.1
85+	1408.4	1302.4	1516.1	-0.6	0.7	7.7
All Ages	145.0	125.3	117.9	-0.6	-0.2	-17.7

All Primary Cancer Sites Combined

Age Group	1950	1975	1996	Estimated Annual Percent Change		Total Percent Change
				1950-75	1975-96	1950-96
0-4	11.1	5.2	2.6	-3.0	-2.9	-75.7
5-14	6.6	4.7	2.7	-1.0	-2.8	-58.5
15-24	8.5	6.6	4.5	-0.6	-1.8	-48.5
25-34	19.8	14.6	11.5	-1.2	-1.1	-41.6
35-44	64.2	53.9	40.3	-0.5	-1.3	-36.0
45-54	175.2	179.2	142.1	0.2	-1.1	-18.0
55-64	394.0	423.2	405.6	0.3	-0.1	4.0
65-74	700.0	769.8	852.5	0.4	0.6	22.6
75-84	1160.9	1156.0	1343.8	0.0	0.8	17.1
85+	1450.7	1437.9	1798.0	-0.3	1.0	23.9
All Ages	158.1	162.3	166.9	0.1	0.2	6.5

Source: NCHS public use tape.

\* Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Each rate has been age-adjusted by 5-year age groups.

⊕ Due to coding changes throughout the years, Lung and Bronchus includes trachea and pleura.